

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 18:17
 Operator : AR\AJ
 Sample : 03580-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SAMPLE-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2023
 Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:13:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.475	2.687	26144569	15769568	13.073	14.199
2)	SA Decachlor...	8.991f	7.864	44512000	25839986	34.196	23.256m#
Target Compounds							
2)	A alpha-BHC	3.932	3.192	113.6E6	68633358	38.776	42.686
3)	MA gamma-BHC...	4.265	3.524	126.8E6	162.2E6	44.887m	106.645 #
4)	MA Heptachlor	4.857	3.864	139.3E6	69495284	51.277	58.970
5)	MB Aldrin	5.201	4.145	128.3E6	63875656	44.777	42.362
6)	B beta-BHC	4.464	3.825	50009768	34748541	41.680m	52.645 #
7)	B delta-BHC	4.712	4.053	118.1E6	91605619	44.290	60.560 #
8)	B Heptachlo...	5.631	4.652	98702997	54867253	36.973	42.725
9)	A Endosulfan I	6.015	5.024	82968961	44172459	35.035m	36.014m
10)	B gamma-Chl...	5.885	4.905	90938433	55662754	35.221m	41.784
11)	B alpha-Chl...	5.966	4.970	116.5E6	56707778	45.812m	42.095
12)	B 4,4'-DDE	6.145	5.168	71525053	58046919	35.549m	47.256 #
13)	MA Dieldrin	6.293	5.293	119.8E6	170.8E6	50.152m	131.148m#
14)	MA Endrin	6.523	5.562	86043542	84496478	45.181m	76.868 #
15)	B Endosulfa...	6.743	5.865	75551752	76208050	40.309	66.305 #
16)	A 4,4'-DDD	6.660	5.724	132.3E6	54119425	90.111m	56.413m#
17)	MA 4,4'-DDT	6.979	5.977	94465688	64912681	59.234m	71.270
18)	B Endrin al...	6.874	6.044	60145897	45683684	41.053	50.820
19)	B Endosulfa...	7.108	6.269	75799001	55345402	43.848m	50.359
20)	A Methoxychlor	7.462	6.573	33817181	207.7E6	43.232m	433.338 #
21)	B Endrin ke...	7.594	6.772	89033191	47874618	50.805m	37.052m#
22)	Mirex	8.078	6.954	124.9E6	72071609	87.267m	70.612m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
Data File : PL083891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2023 18:17
Operator : AR\AJ
Sample : 03580-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SAMPLE-1MS

Manual Integrations

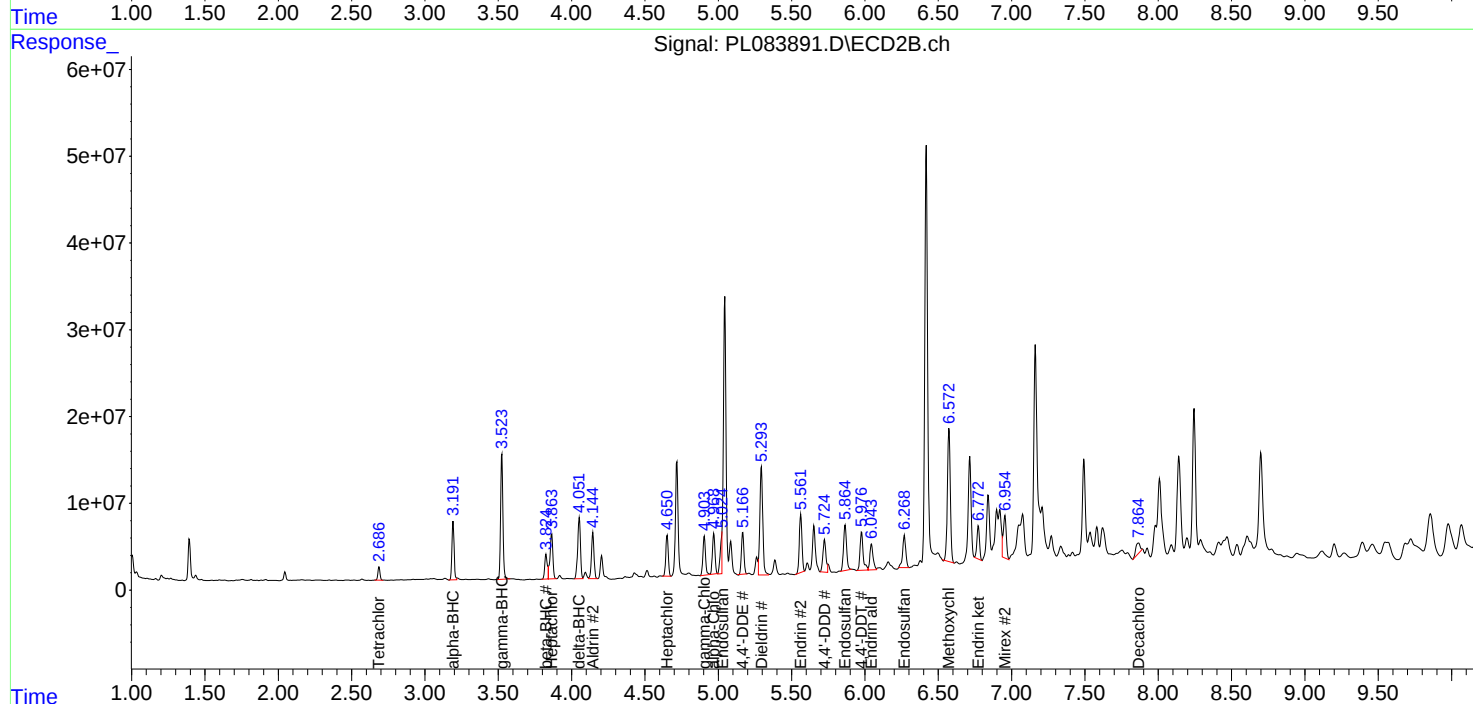
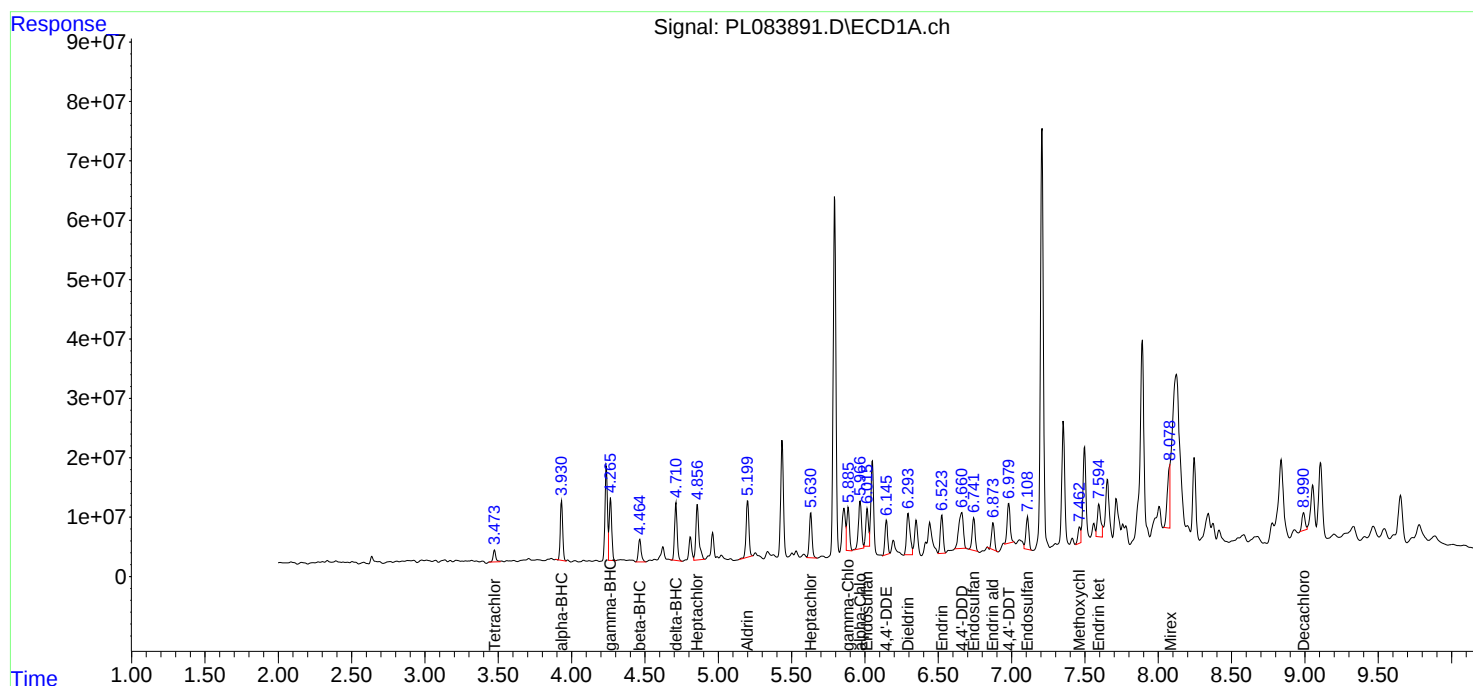
APPROVED

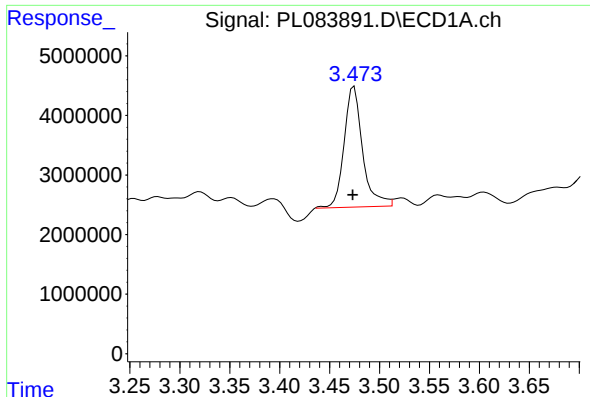
Reviewed By :Abdul Mirza 07/14/2023

Supervised By :Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 00:13:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





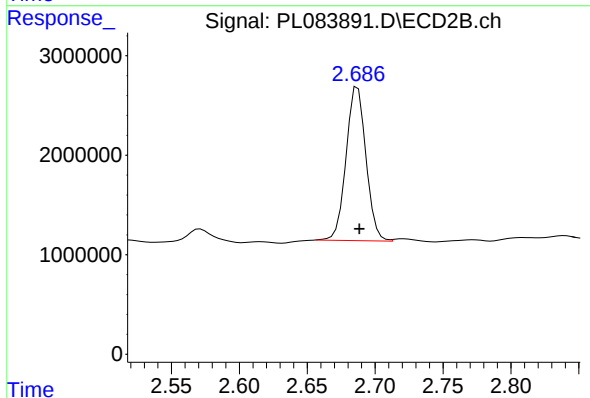
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 26144569
Conc: 13.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

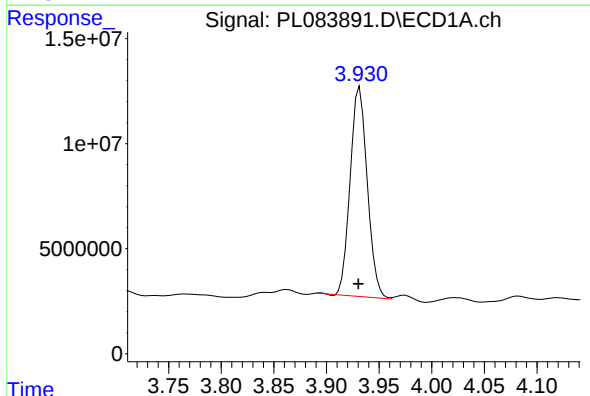
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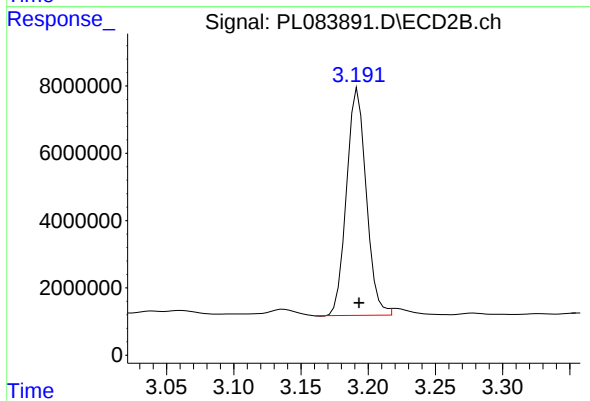
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 15769568
Conc: 14.20 ng/ml



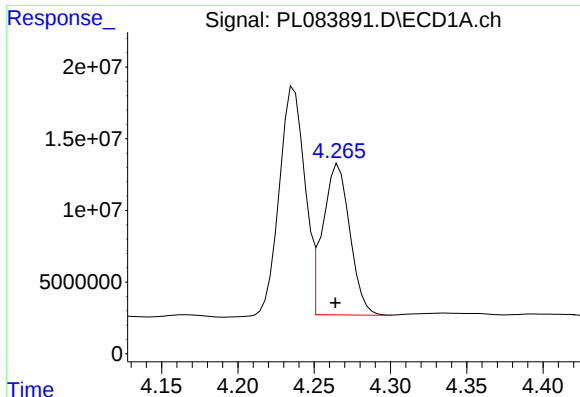
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.001 min
Response: 113606247
Conc: 38.78 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 68633358
Conc: 42.69 ng/ml



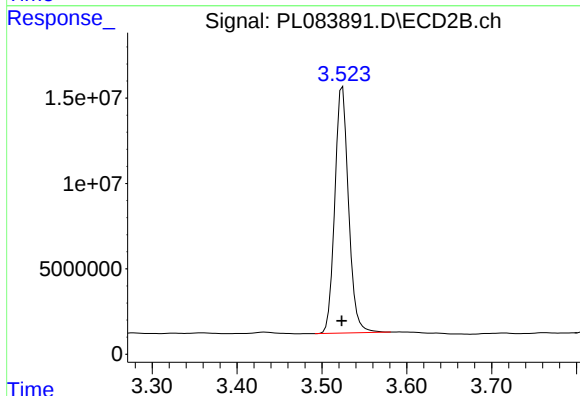
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 126819822
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

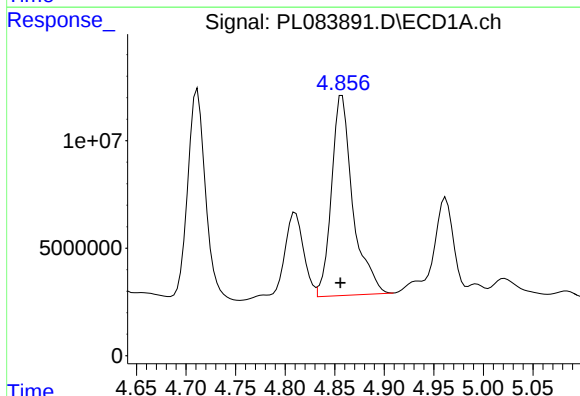
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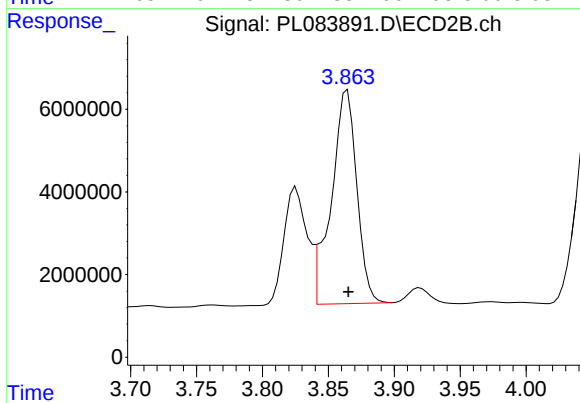
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 162173963
Conc: 106.64 ng/ml



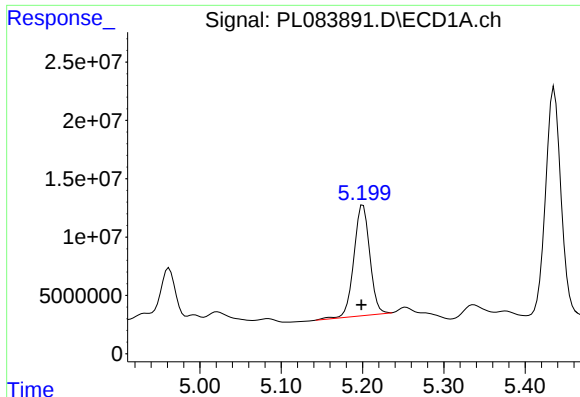
#4 Heptachlor

R.T.: 4.857 min
Delta R.T.: 0.002 min
Response: 139349096
Conc: 51.28 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 69495284
Conc: 58.97 ng/ml



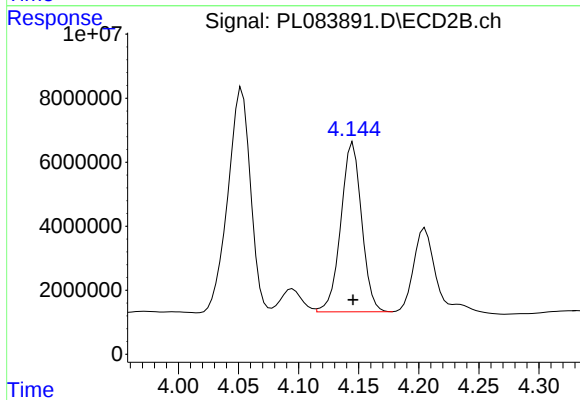
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: 0.002 min
Response: 128250458
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

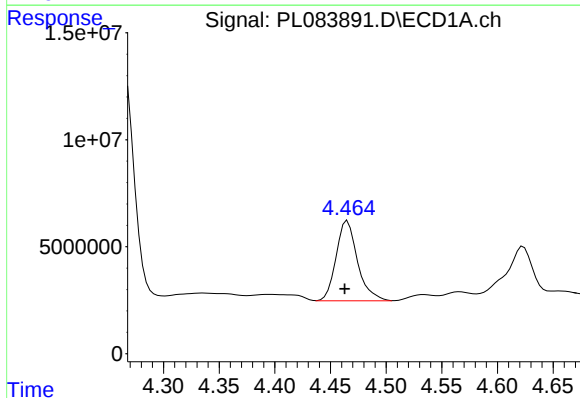
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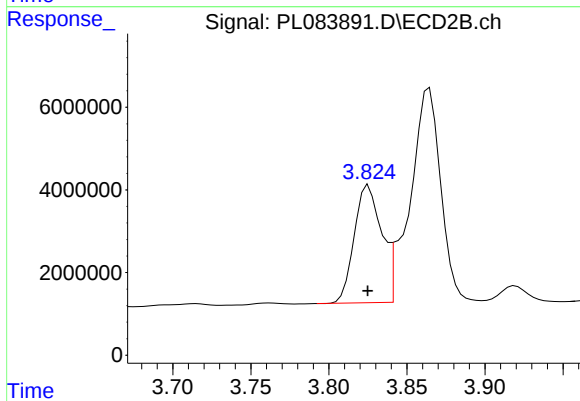
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 63875656
Conc: 42.36 ng/ml



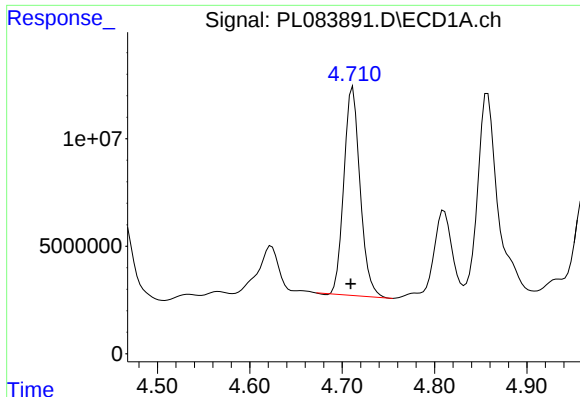
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.001 min
Response: 50009768
Conc: 41.68 ng/ml m



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 34748541
Conc: 52.64 ng/ml



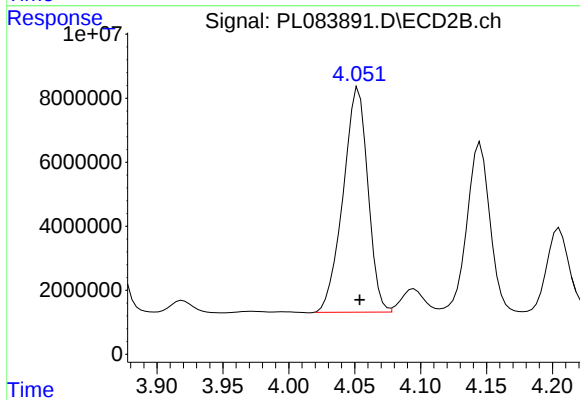
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: 0.002 min
Response: 118067975
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

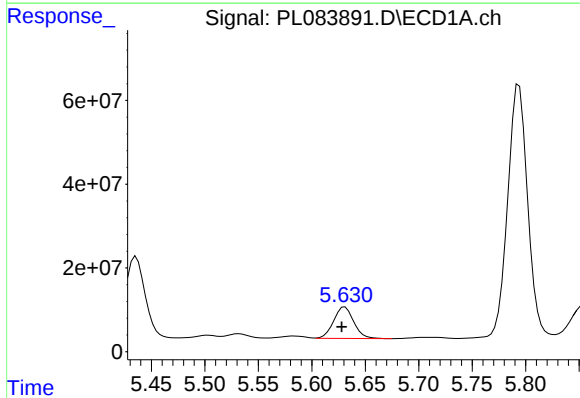
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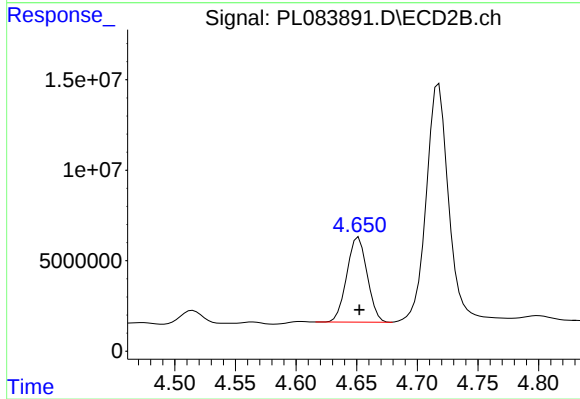
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 91605619
Conc: 60.56 ng/ml



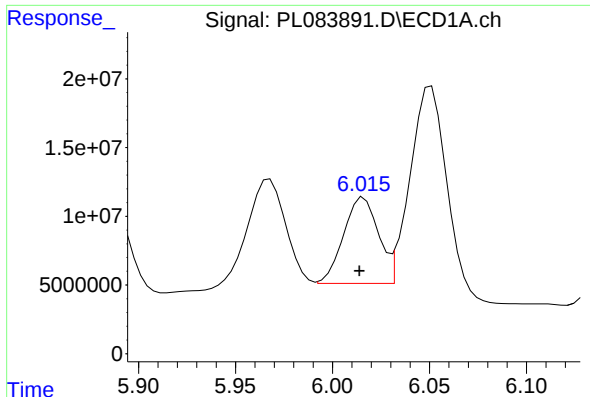
#8 Heptachlor epoxide

R.T.: 5.631 min
Delta R.T.: 0.003 min
Response: 98702997
Conc: 36.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 54867253
Conc: 42.73 ng/ml



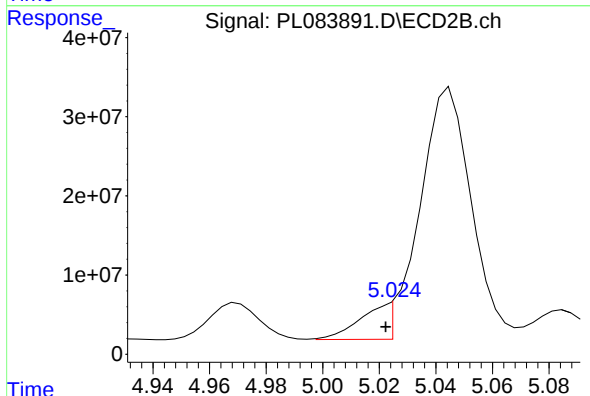
#9 Endosulfan I

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 82968961
Conc: 35.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

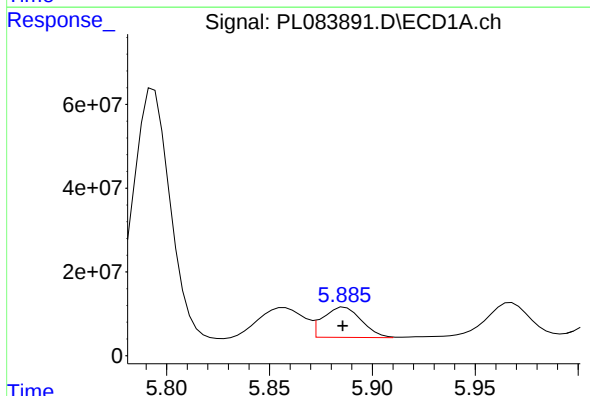
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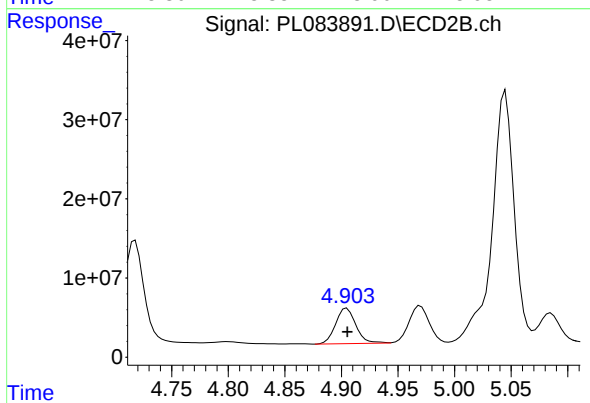
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.002 min
Response: 44172459
Conc: 36.01 ng/ml m



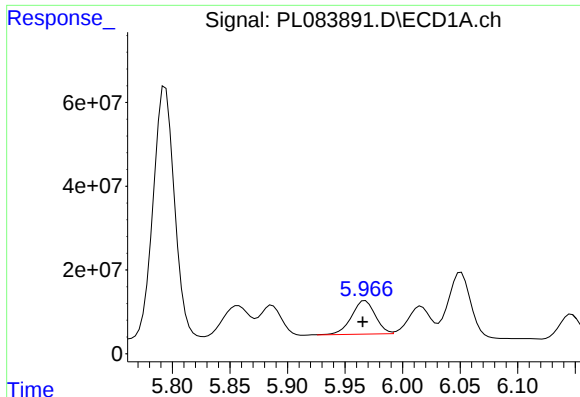
#10 gamma-Chlordane

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 90938433
Conc: 35.22 ng/ml m



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 55662754
Conc: 41.78 ng/ml



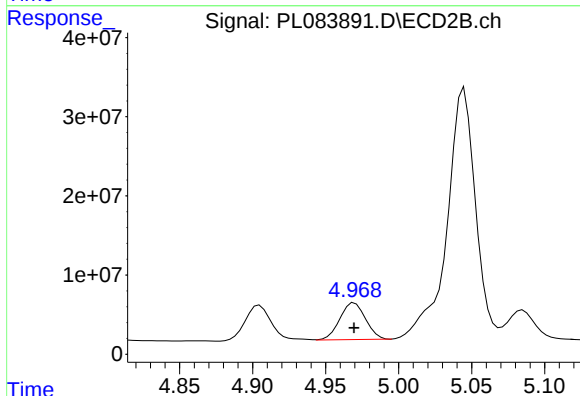
#11 alpha-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 116456717
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

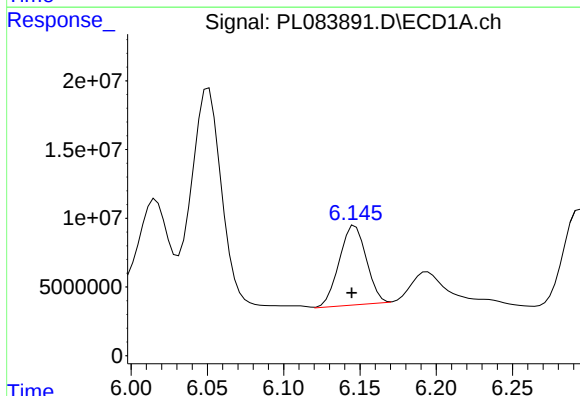
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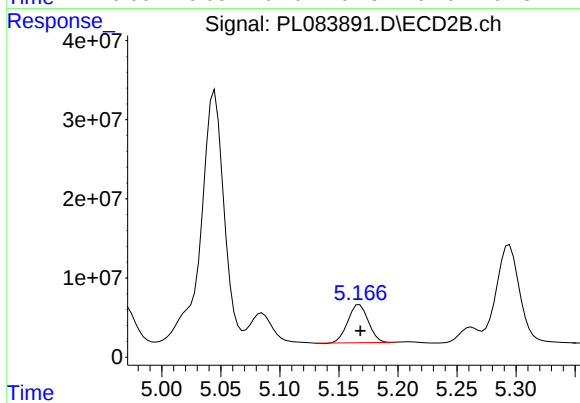
#11 alpha-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 56707778
Conc: 42.10 ng/ml



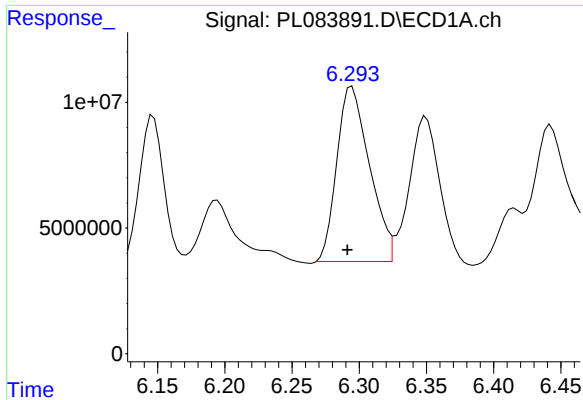
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 71525053
Conc: 35.55 ng/ml m



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 58046919
Conc: 47.26 ng/ml



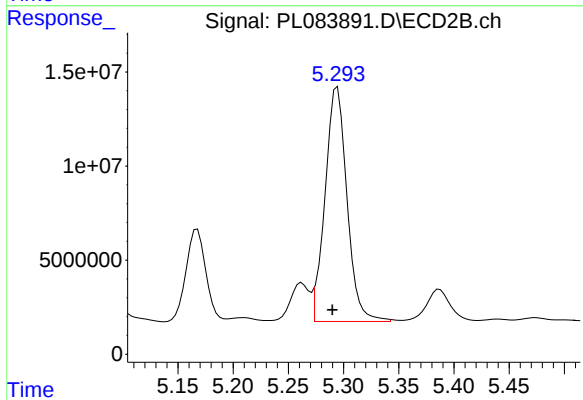
#13 Dieldrin

R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 119841742
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

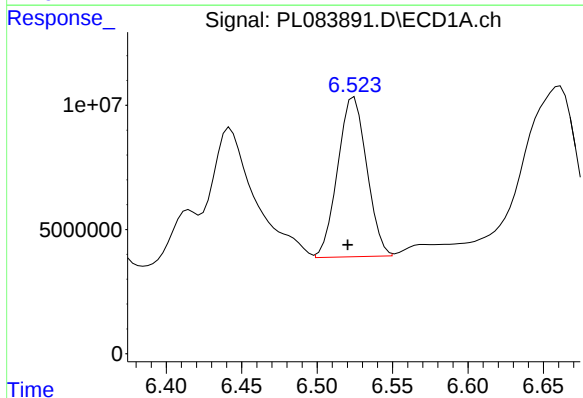
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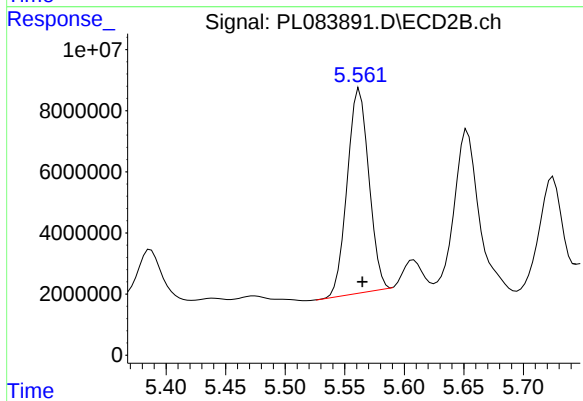
#13 Dieldrin

R.T.: 5.293 min
Delta R.T.: 0.003 min
Response: 170800799
Conc: 131.15 ng/ml m



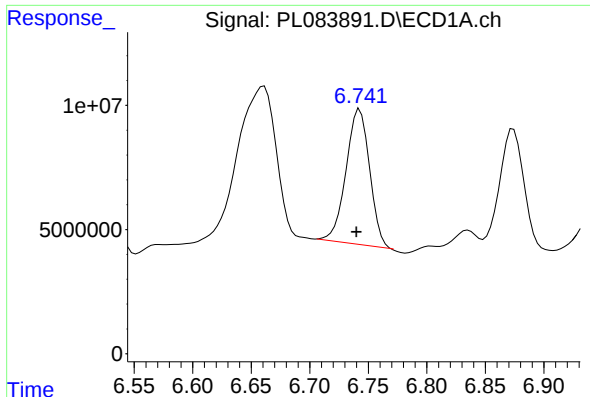
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 86043542
Conc: 45.18 ng/ml m



#14 Endrin

R.T.: 5.562 min
Delta R.T.: -0.002 min
Response: 84496478
Conc: 76.87 ng/ml



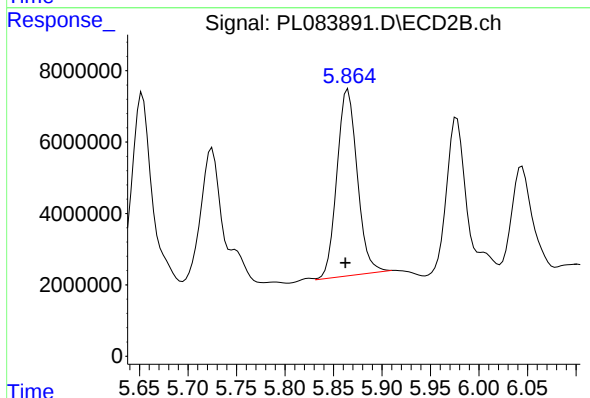
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.003 min
Response: 75551752
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

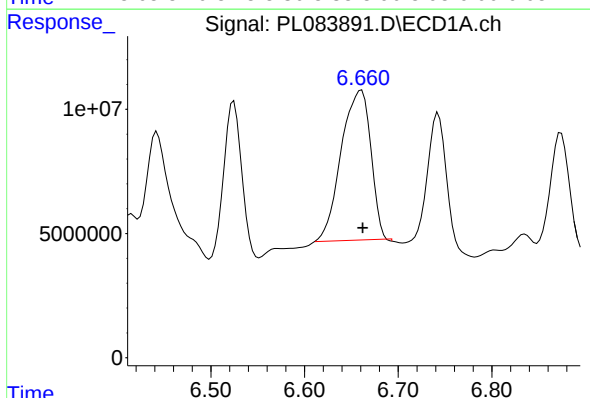
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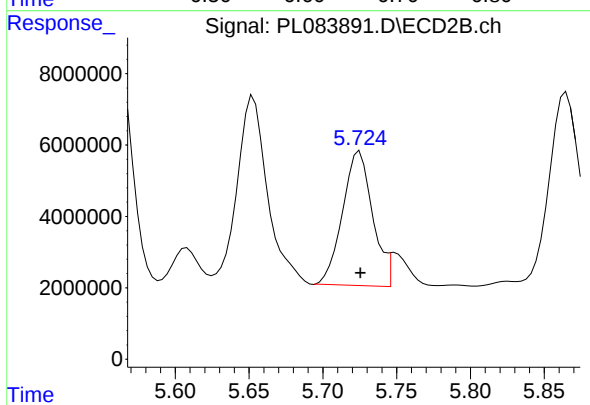
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 76208050
Conc: 66.31 ng/ml



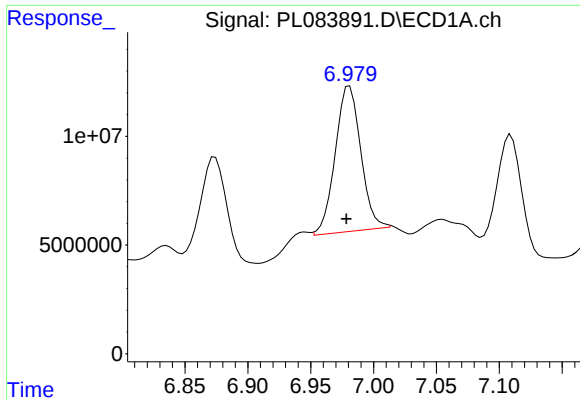
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 132331342
Conc: 90.11 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 54119425
Conc: 56.41 ng/ml m



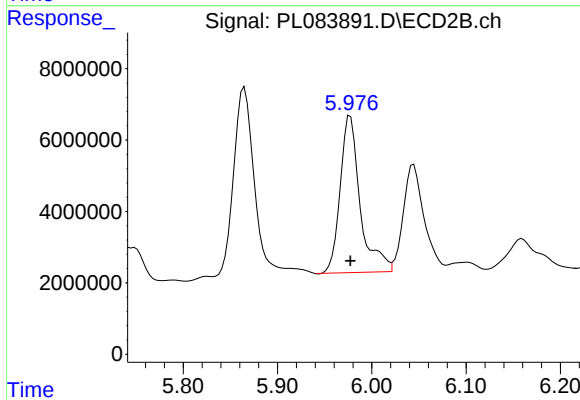
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.001 min
Response: 94465688
Conc: 59.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

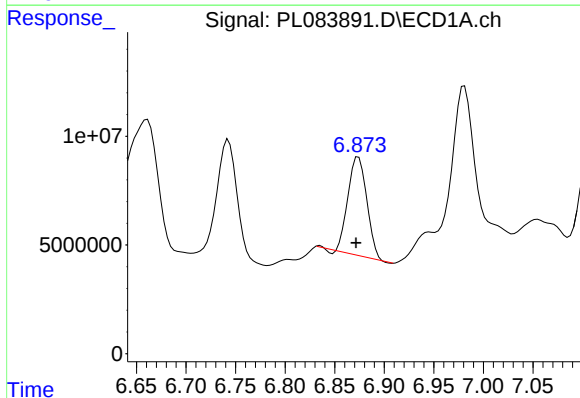
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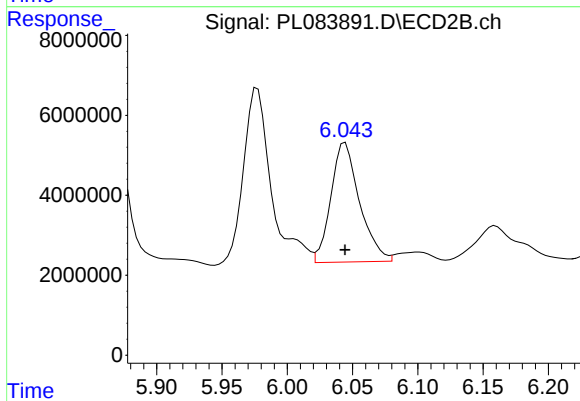
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 64912681
Conc: 71.27 ng/ml



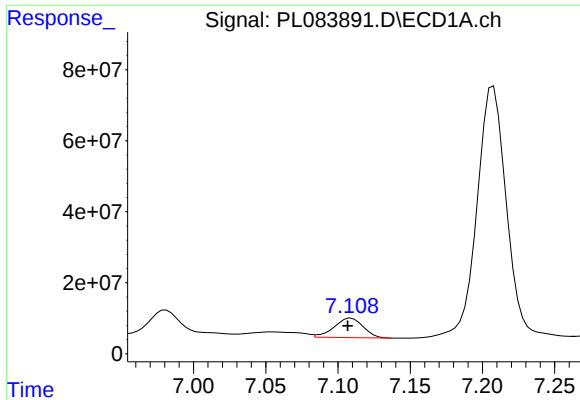
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.002 min
Response: 60145897
Conc: 41.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 45683684
Conc: 50.82 ng/ml



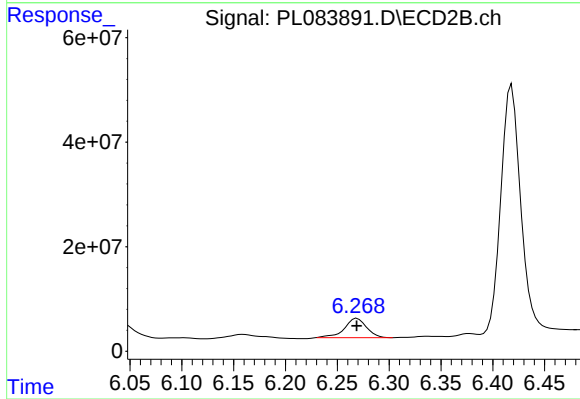
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 75799001
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

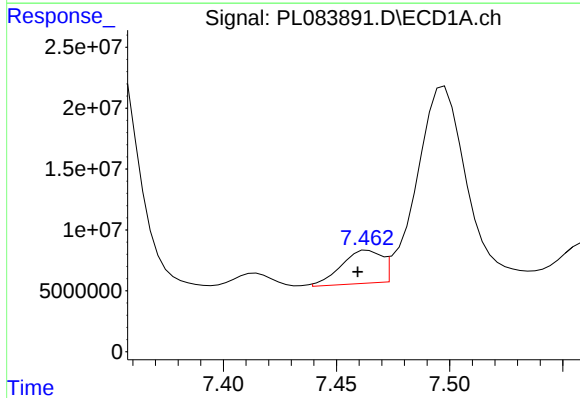
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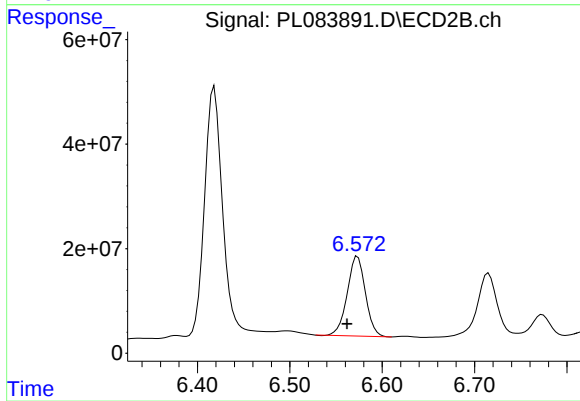
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 55345402
Conc: 50.36 ng/ml



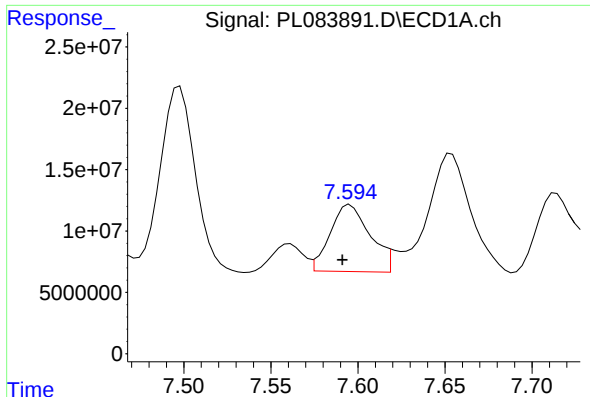
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 33817181
Conc: 43.23 ng/ml m



#20 Methoxychlor

R.T.: 6.573 min
Delta R.T.: 0.011 min
Response: 207673657
Conc: 433.34 ng/ml



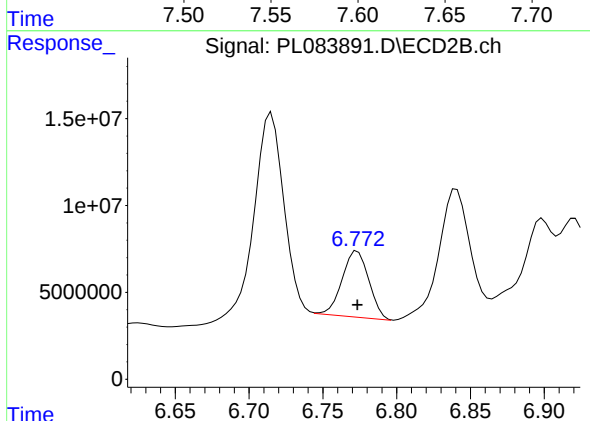
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 89033191
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

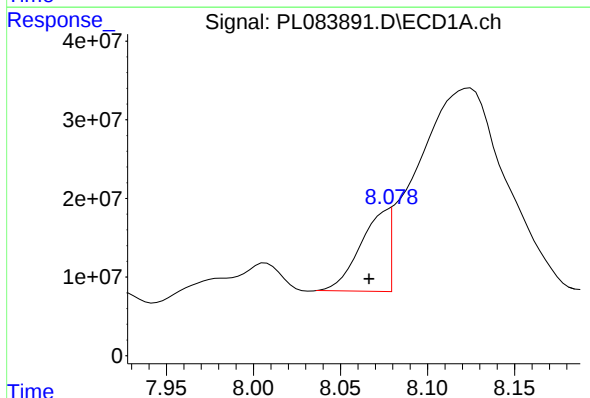
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2023
Supervised By :Ankita Jodhani 07/14/2023



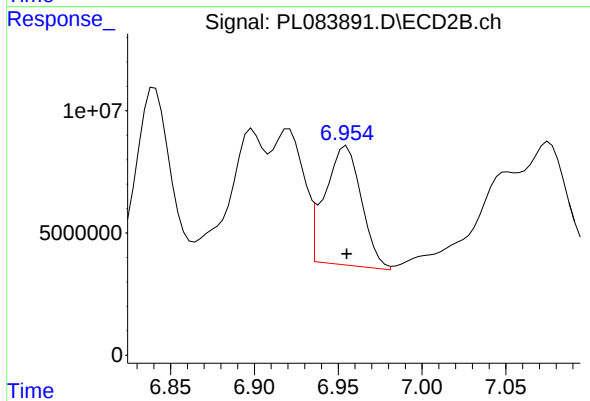
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 47874618
Conc: 37.05 ng/ml m



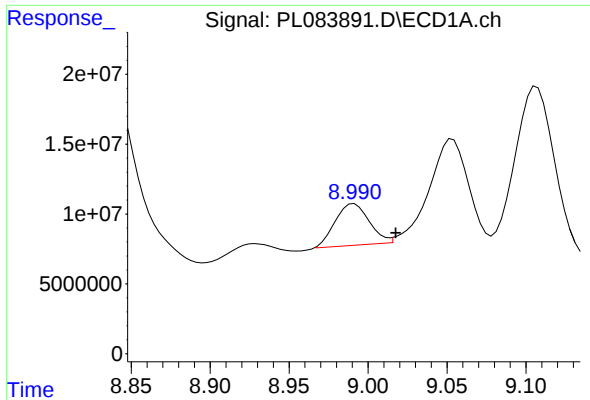
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.011 min
Response: 124874824
Conc: 87.27 ng/ml m



#22 Mirex

R.T.: 6.954 min
Delta R.T.: -0.001 min
Response: 72071609
Conc: 70.61 ng/ml m



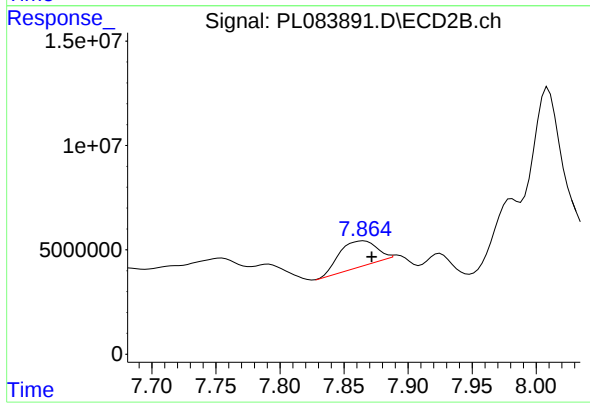
#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: -0.026 min
Response: 44512000
Conc: 34.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/14/2023



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.007 min
Response: 25839986
Conc: 23.26 ng/ml m